

DAMAGE SURVEY REPORT (DSR)
Emergency Watershed Protection Program – Recovery

Section 1A

Date of Report: April 15, 2006

DSR Number: 003-05-005R Project Number: _____

NRCS Entry Only

Eligible: YES ☒ NO _____
Approved: YES ☒ NO _____
Funding Priority Number (from Section 4) 2 def
Limited Resource Area: YES NO ☒

Section 1B Sponsor Information

Sponsor Name: Bayou Blue Gravity Drainage District

Address: P.O. Box 188

City/State/Zip: Oberlin, Louisiana 70655

Telephone Number: 337 523-2299 Fax: _____

Section 1C Site Location Information

County: Allen State: Louisiana Congressional District: 4th

Latitude: 30.61218 Longitude: -92.74547 Section: 14 Township: 5 S Range: 4 W

UTM Coordinates: _____

Drainage Name: Bayou Blue Lateral 19 Reach: BB LAT 19 to L-19A (3870 LF)

Damage Description: Hurricane Debris Removal

Section 1D Site Evaluation

All answers in this Section must be YES in order to be eligible for EWP assistance.

Site Eligibility	YES	NO	Remarks
Damage was a result of a natural disaster?*	x		
Recovery measures would be for runoff retardation or soil erosion prevention?*	x		
Threat to life and/or property?*	x		
Event caused a sudden impairment in the watershed?*	x		
Imminent threat was created by this event?**	x		
For structural repairs, not repaired twice within ten years?**	x		
Site Defensibility			
Economic, environmental, and social documentation adequate to warrant action? (Go to pages 3, 4, 5 and 6 ***)	x		
Proposed action technically viable? (Go to Page 9 ***)	x		

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP program and its possible effects? YES X NO _____

Comments: _____

* Statutory

** Regulation

*** DSR Pages 3 through 6 and 9 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages. 1 of 14

Approved 7/2005

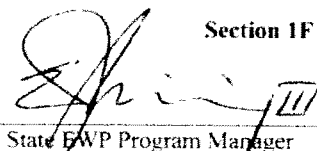
Section 1E Proposed Action

Describe the preferred alternative from Findings: Section 5 A:

Total installation cost identified in this DSR: Section 3: \$

Section 1F NRCS State Office Review and Approval

Reviewed By:


State EWP Program Manager

Date Reviewed:

5/4/06

Approved By:


State Conservationist

Date Approved:

5/5/06

PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95-334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief of NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies, IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

USDA NONDISCRIMINATION STATEMENT

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.)

Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination write USDA, Director of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes; namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

Section 2 Environmental Evaluation

2A Resource Concerns	2B Existing Condition	2C Alternatives and Effects		
		Proposed Action	No Action	Alternative
		Remove tree tops, trunks, root balls and other debris from within the channel	Leave debris in channel	Remove tree tops, trunks, root balls and other debris from one side of channel
2D Effects of Alternatives				
Soil				
Bank erosion	Stable	Slight increase at entry points to channel	Increased bank erosion and undercutting due to flooding	Increase in erosion on side of channel used for operation
Compaction	Compaction present in areas used as access	Slight increase at entry points to channel	Compaction present in areas used as access	Slight increase along one side of channel
Water				
Flooding	Property/homes upstream subject to flooding from blockages after heavy rainfall event	Upstream flooding reduced and property damage minimized from heavy rainfall events	Property/homes subject to continued flooding from heavy rainfall events	Upstream flooding reduced and property damage minimized from heavy rainfall events
Excessive Sediments and Turbidity	Stream flow reduced, sediment problems will occur with future heavy rainfall, water is turbid from sediment	Disturbance from heavy equipment will cause short term increase in sediment and turbidity but removal of debris will reduce sediments entering channel and reduce scouring effects	Sediment and turbidity will continue to increase as a result of stream bank erosion and scour erosion following heavy rainfall	Disturbance from heavy equipment will cause short term increase in sediment and turbidity but removal of debris will reduce sediments entering channel and reduce scouring effects
Stream Health (SVAP)	4.5 (poor)	5.3 (poor)	4.5 (poor)	5.3 (poor)
Air				
Particulate Matter	No effect	No effect	No effect	Slight increase during debris removal
Plant				
Productivity, health and vigor of Riparian vegetation	Riparian vegetation slightly suppressed by debris, fallen trees	Removal of debris improves production of herbaceous species along channel	Riparian vegetation remains suppressed in areas of debris, fallen trees	Slight decrease in quality during operations, increase in herbaceous species when debris is removed
Productivity and health of aquatic vegetation	Aquatic plants limited due to turbidity	Removal of debris will not alter vegetation	Stream aquatic growth will remain poor with limited vegetation due to turbidity	Removal of debris will not alter vegetation
Animal				
Inadequate cover/shelter for wildlife along stream corridor	Adequate cover/shelter in most areas along stream corridor, suppressed herbaceous plants from debris	Minor disturbance during project activities, overall improvement of herbaceous cover/food plants	Adequate cover/shelter in most areas along stream corridor, suppressed herbaceous plants from debris	Minor disturbance during project activities, overall improvement of herbaceous cover/food plants
Inadequate cover/shelter for stream fisheries	Turbidity limits positive aquatic growth, debris decreases DO	Removing debris improves DO levels, slightly improving stream integrity	Turbidity limits positive aquatic growth, debris decreases DO	Removing debris improves DO levels, slightly improving stream integrity
Other				
Aesthetics	Presence of debris diminishes landscape	Minor disturbance during project activities, removal of debris will restore stream aesthetics	Landscape will remain diminished and will degrade with future flood events	Minor disturbance during project activities, removal of debris will restore stream aesthetics
Mosquito and Insect Vectors	Increased danger of disease due to stagnant water	Lower risk of disease by returning stream flow to pre-storm conditions	Increased danger of disease due to stagnant water	Lower risk of disease by returning stream to pre-storm conditions

Section 2E Special Environmental Concerns

Resource Consideration	Existing Condition	Alternatives and Effects		
		Proposed Action	No Action	Alternative
Clean Water Act Waters of the U.S.	Moderate water quality, no obvious contaminants	Improved water quality. CWA permit, water quality certification needed	Decreased water quality, increased blockage and flooding	Improve water quality. CWA permit, water quality certification needed
Coastal Zone Management Areas	N/A	N/A	N/A	N/A
Coral Reefs	N/A	N/A	N/A	N/A
Cultural Resources	Use FOTG guidance, state level review needed	Use FOTG guidance, state level review needed	Use FOTG guidance, state level review needed	Use FOTG guidance, state level review needed
Endangered and Threatened Species	Use FOTG guidance, USFWS/LDWF list shows species in parish, but none observed in project area	Use FOTG guidance, USFWS/LDWF list shows species in parish, but none observed in project area	Use FOTG guidance, USFWS/LDWF list shows species in parish, but none observed in project area	Use FOTG guidance, USFWS/LDWF list shows species in parish, but none observed in project area
Environmental Justice	Not a factor in this project area	Not a factor in this project area	Not a factor in this project area	Not a factor in this project area
Essential Fish Habitat	Not a factor in this project area	Not a factor in this project area	Not a factor in this project area	Not a factor in this project area
Fish and Wildlife Coordination	No stream modification proposed	Will coordinate if issues arise in CWA 404 permitting	N/A	Will coordinate if issues arise in CWA 404 permitting
Floodplain Management	Project is within 100 year floodplain	Restore drainage and reduce level of flooding to pre-storm conditions	N/A	Restore drainage and reduce level of flooding to pre-storm conditions
Invasive Species	Chinese tallow found in disturbed areas	No impact	Chinese tallow found in disturbed areas	Possible increase in number of Chinese tallow
Migratory Birds	Habitat present for neo-tropical migrants	No impact	Habitat present for neo-tropical migrants	Minor impact during construction operation
Natural Areas	Use FOTG guidance, no natural areas identified	Use FOTG guidance, no natural areas identified	Use FOTG guidance, no natural areas identified	Use FOTG guidance, no natural areas identified
Prime and Unique Farmlands	None identified	None identified	None identified	None identified
Riparian Areas	Habitat negatively impacted by debris and fallen timber	Herbaceous species and habitat will improve from removal of debris	Habitat will continue to decline from accumulation of debris, fallen timber	Herbaceous species and habitat will improve from remove of debris
Scenic Beauty	Stream aesthetics diminished due to presence of debris and stagnant water	Stream aesthetics will be restored	Further diminished aesthetics from stagnant water, debris and future flood events	Stream aesthetics will be restored
Wetlands	Wetland functions and values altered due to channel obstruction	Removal of obstructions will return stream flow and wetland functions to pre-storm condition	Wetland functions and values altered due to channel obstruction	Removal of obstructions will return stream flow and wetland functions to pre-storm condition
Wild and Scenic Rivers	No impact on listed streams or rivers	No impact on listed streams or rivers	No impact on listed streams or rivers	No impact on listed streams or rivers

Completed By: Sarah HaymakerDate: April 15, 2006

DSR NO: 003-05-005R

Section 2F Economic

This section must be completed by each alternative considered (attach additional sheets as necessary).

	Future Damages (\$)	Damage Factor (%)	Near Term Damage Reduction
Properties Protected (Private)			
13 homes @ \$108,566	\$1,411,355	20%	\$282,271
5 homes @ \$53,962	\$269,809	20%	\$53,962
6 mobile homes @ \$49,401	\$296,408	25%	\$74,102
Properties Protected (Public)			
3 Parish Barns @ \$42,720	\$128,160	25%	\$32,040
Business Losses			
Other			
Church @ \$102,784	\$102,784	20%	\$20,557
Total Near Term Damage Reduction \$			\$462,932
Net Benefit (Total Near Term Damage Reduction minus Cost from Section 3)			\$

See attached market value worksheets.

Completed By: Sarah Haymaker

Date: March 13, 2006

Section 2G Social Consideration

This section must be completed by each alternative considered (attach additional sheets as necessary).

	YES	NO	Remarks
Has there been a loss of life as a result of the watershed impairment?		X	
Is there the potential for loss of life due to damages from the watershed impairment?	X		Emergency vehicle access to areas affected could be restricted
Has access to a hospital or medical facility been impaired by watershed impairment?		X	
Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)	X		Impairment increases flooding impact throughout community. Loss of electrical power and communications was experienced.
Is there a lack or has there been a reduction of public safety due to watershed impairment?	X		Future events could impact nearby roadways, bridges and access to emergency services.

Completed By: Sarah Haymaker, District Conservationist

Date: March 13, 2006

Section 2H Group Representation and Disability Information**This section is completed only for the preferred alternative selected.**

Group Representation	Census Block	Number	Affected
American Indian/Alaska Native Female Hispanic			
American Indian/Alaska Native Female Non-Hispanic			
American Indian/Alaska Native Male Hispanic			
American Indian/Alaska Native Male Non-Hispanic	1	<1%	
Asian Female Hispanic			
Asian Female Non-Hispanic	1	<1%	
Asian Male Hispanic			
Asian Male Non-Hispanic	1	<1%	
Black or African American Female Hispanic			
Black or African American Female Non-Hispanic	100	25%	18
Black or African American Male Hispanic			
Black or African American Male Non-Hispanic	91	23%	17
Hawaiian Native/Pacific Islander Female Hispanic			
Hawaiian Native/Pacific Islander Female Non-Hispanic			
Hawaiian Native/Pacific Islander Male Hispanic			
Hawaiian Native/Pacific Islander Male Non-Hispanic			
White Female Hispanic	3	<1%	
White Female Non-Hispanic	108	27%	19
White Male Hispanic	1	<1%	
White Male Non-Hispanic	92	23%	17
Total Group	398	100%	71

NOTE: This demographic data was taken from the 2000 U.S. Census. See the attached tables for details. The data indicates there are 398 people in 149 households. $398p/149h = 3$ persons/household. $24 h \times 3p/h = 72$ people in the area affected.

Census tract(s) Tract 9504, Blocks 1000, 1001, 1002, 1003, 1021, 1022, 1023, 1024, 1042, 2002, 2004, 2011, 3028, 3050

Completed By: Sarah Haymaker, District Conservationist Date: March 13, 2006

Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

Access to channel from private properties will require easements/permissions to be obtained by sponsor. Recommend consultation of contractor for right of way access to channel to accommodate equipment being used. Coordination will be handled by NRCS representative to reduce amount of impact to surrounding environment.

Mitigation Description:

Work will be performed from one side of the channel to minimize damages to the riparian corridor along the channel. Proposed action will restore the hydraulics of the system, reducing stagnant pools and mosquito breeding and vector areas.

Agencies, persons, and references consulted, or to be consulted:

U.S. Army Corps of Engineers
Louisiana Department of Environmental Quality
Louisiana Department of Wildlife and Fisheries
Allen Parish Government

Section 4 NRCS EWP Funding Priority

Complete the following section to compute the funding priority for the recovery measures in this application (see instructions on page 10).

Priority Ranking Criteria	Yes	No		Ranking Number Plus Modifier
1. Is this an exigency situation?				
2. Is this a site where there is serious, but not immediate threat to human life?	X			2-d,e,f
3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?	X			
4. Is this site a funding priority established by the NRCS Chief?				
The following are modifiers for the above criteria			Modifier	
a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?			No	
b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?			No	
c. Will the proposed action or alternatives protect or conserve prime or important farmland?			No	
d. Will the proposed action or alternatives protect or conserve existing wetlands?			Yes	
e. Will the proposed action or alternatives maintain or improve current water quality conditions?			Yes	
f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats?			Yes	

Enter priority computation in Section 1A, NRCS Entry, Funding priority number.

Remarks:

Section 5A Findings

Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1E):

The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits and is socially acceptable.

I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative:

 X Has been sufficiently analyzed in the EWP PEIS (reference all that apply)

Chapter 5.2.2.1.2

Chapter _____

Chapter _____

Chapter _____

Chapter _____

 May require the preparation of an environmental assessment or environmental impact statement.
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

Title: *Barrett Lyon, D.C.* Date: *May 1, 2006*

Section 5B Comments:

Section 5C

Sponsor Concurrence: _____

Sponsor Representative *Weston Mancuso*

Title: *President* Date: *May 1, 2006*

Section 6 Attachments:

- A. Location Map
- B. Site Plan or Sketches
- C. Other (explain)

SECTION 6

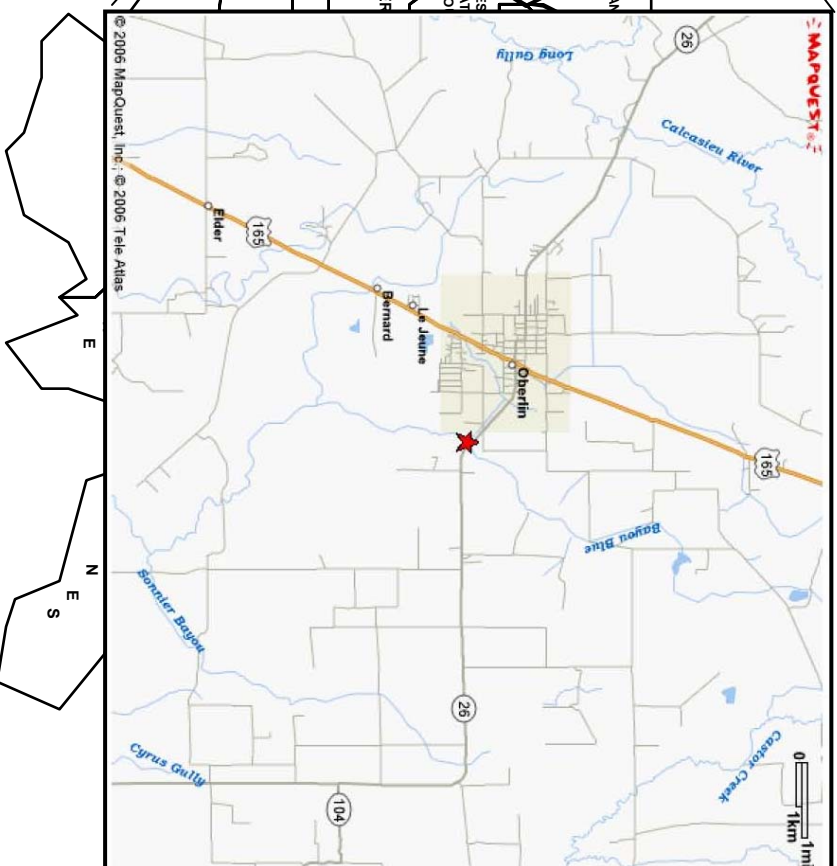
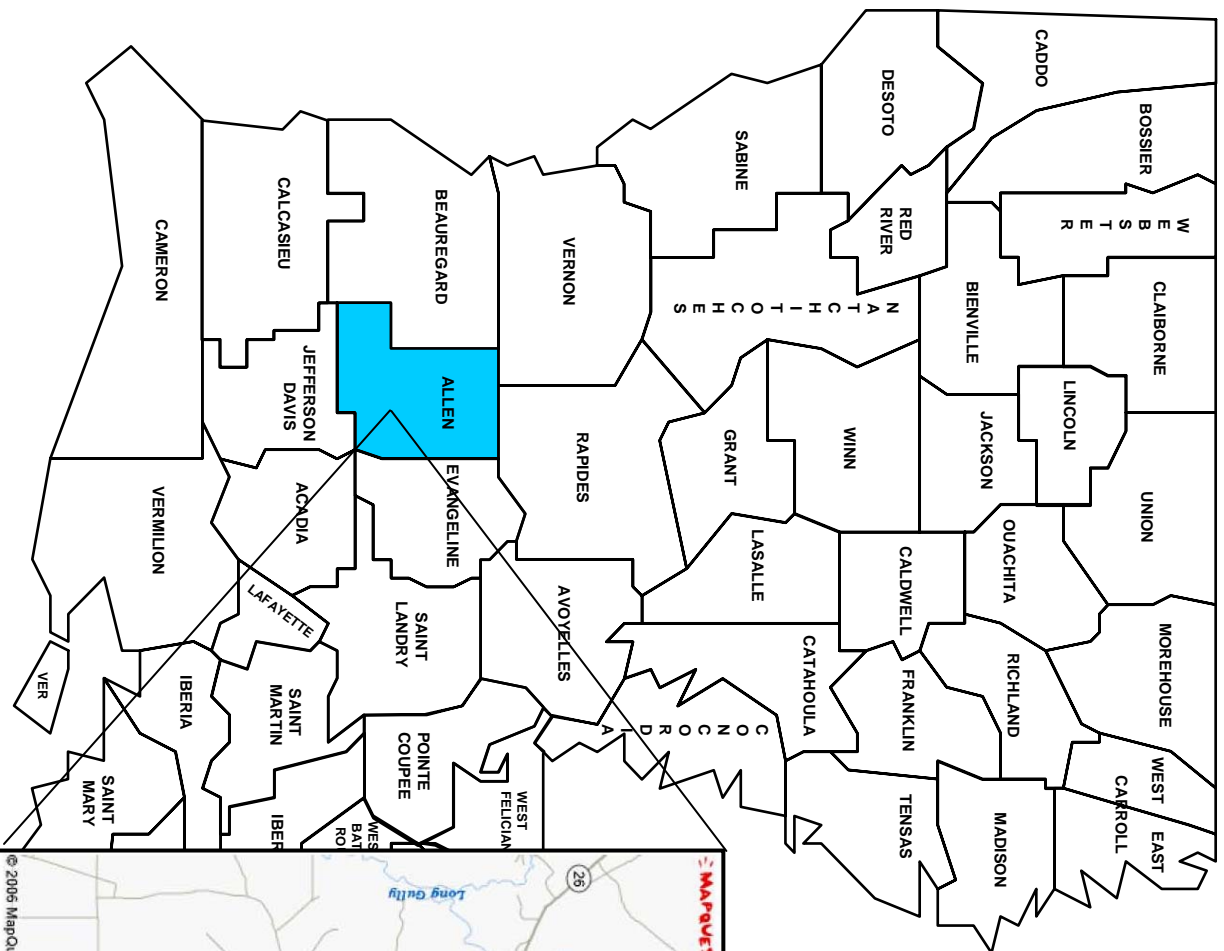
ATTACHMENTS

Vicinity Location Map

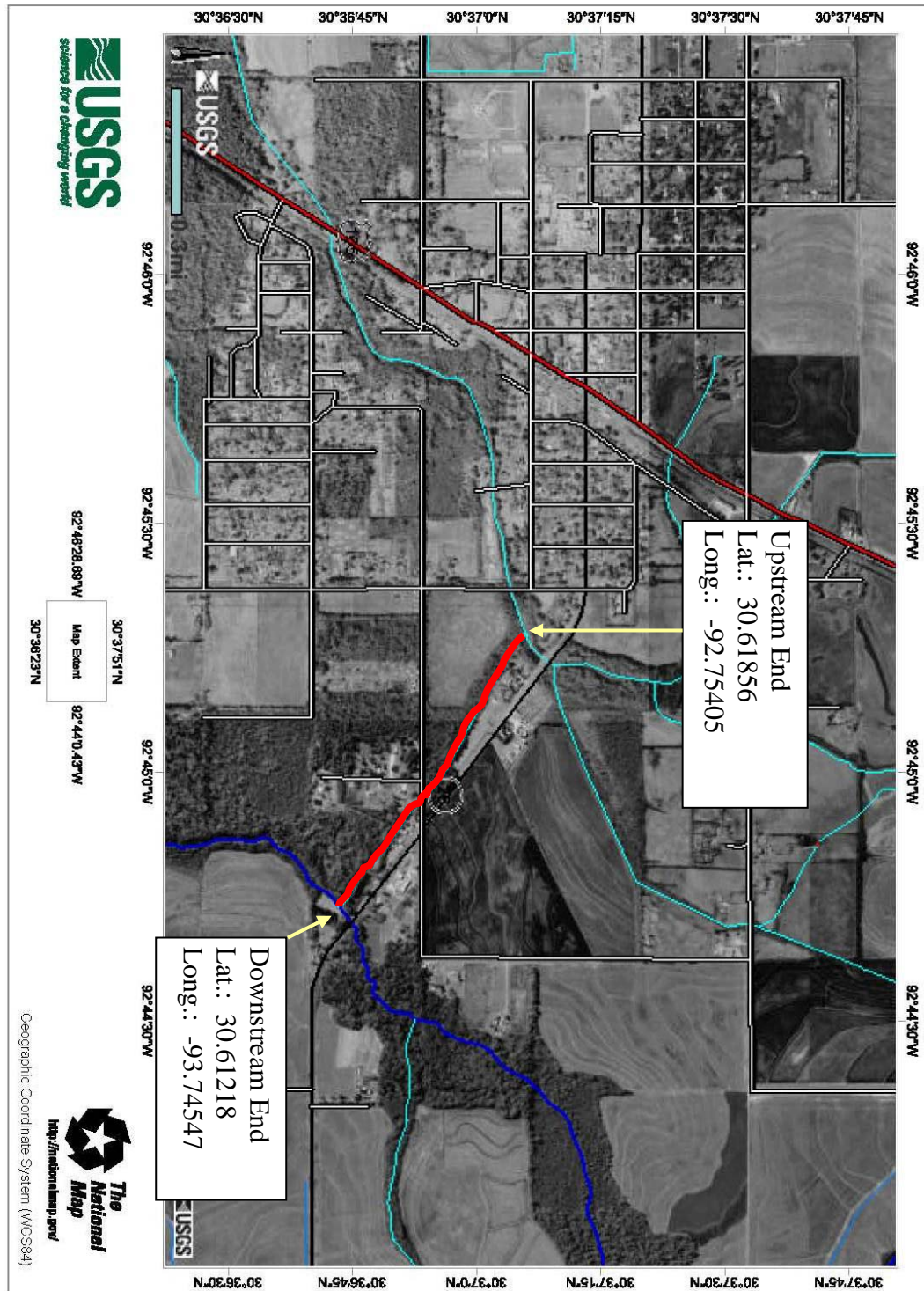
Allen Parish

DSR# 003-05-005R

Lateral 19



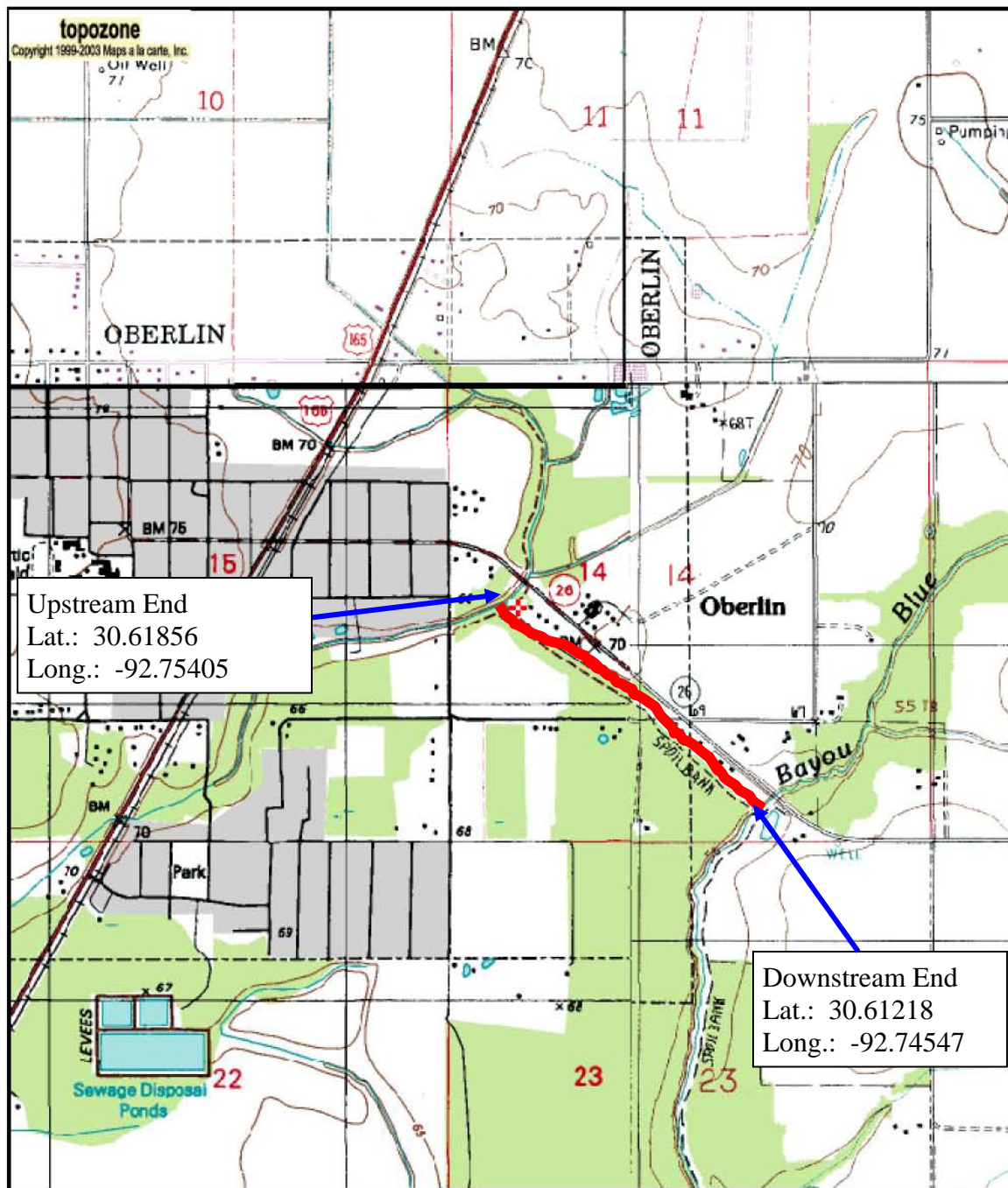
SITE MAP
DSR 003-05-005R
Lateral 19
Allen Parish



TOPO MAP
DSR 003-05-005R
Lateral 19
Allen Parish

TopoZone - The Web's Topographic Map

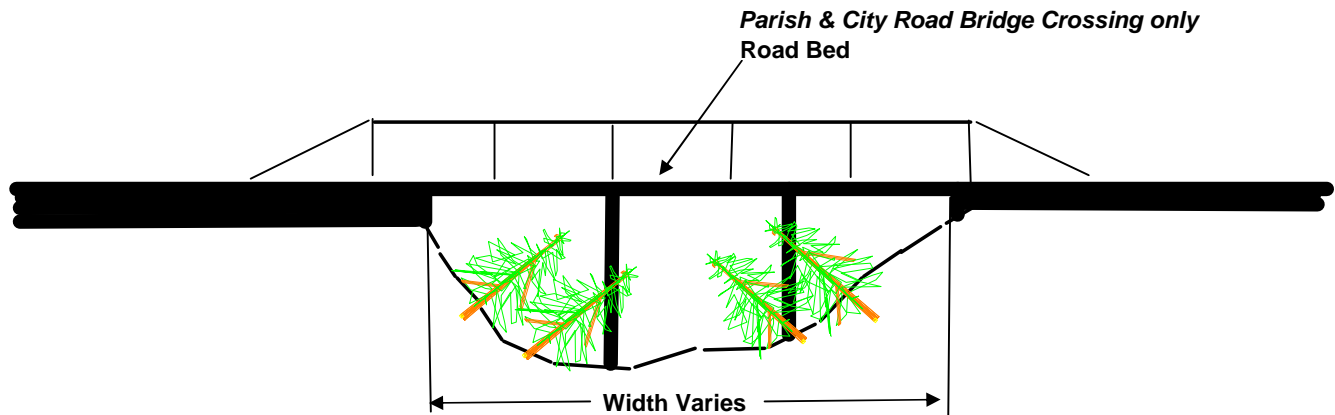
Page 1 of 1



0 0.3 0.6 0.9 1.2 1.5 km
0 0.2 0.4 0.6 0.8 1 mi
Map center is 30.6186°N, 92.7540°W (WGS84/NAD83)
Oberlin quadrangle
Projection is UTM Zone 15 NAD83 Datum

M=2.951
G=0.125

Debris Removal



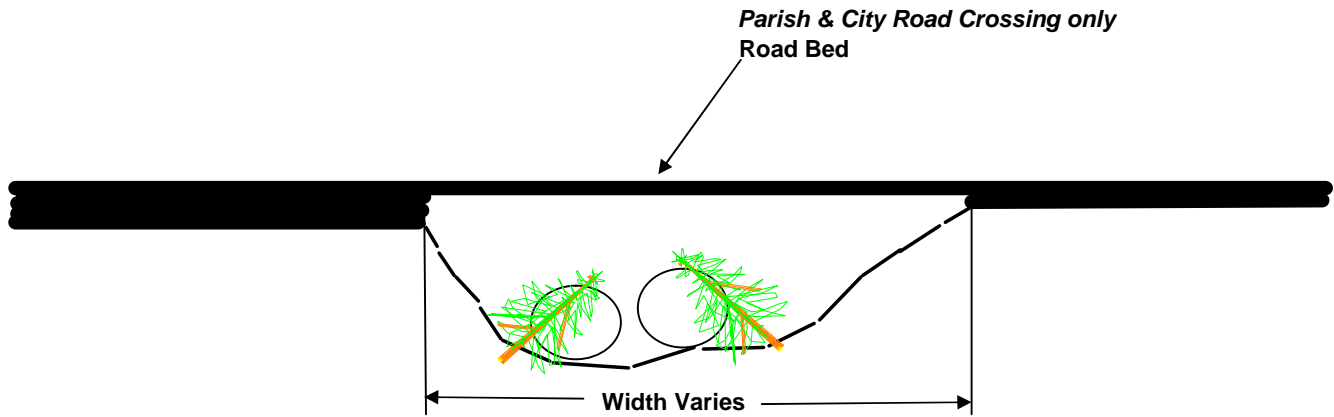
Note: Contract is to remove Debris from upstream and downstream Bridge which includes underside of bridge

Exception: All Crossing which cross State or Federal highways are not included in contract

Typical Road Bridge Crossing Not to Scale

Notice:
48 Hours Before Digging
Call 1-800-272-3020

Debris Removal



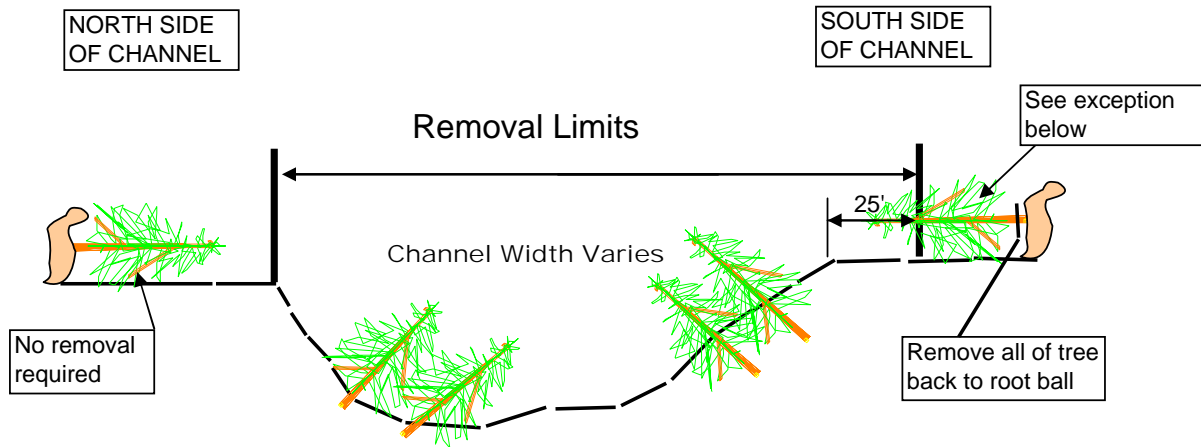
Note: Contract is to remove Debris from upstream and downstream Culverts which includes inside of culverts

Exception: All Crossing which cross State or Federal highways are not included in contract

Typical Road Culvert type Crossing Not to Scale

Notice:
48 Hours Before Digging
Call 1-800-272-3020

Debris Removal



Typical Section Not to Scale

Notice:
48 Hours Before Digging
Call 1-800-272-3020

***Note :** Access and work from south side only, except in locations where structures do not permit as concurred in by the COTR

Exception it may be possible that trees which were located outside of the the removal limits may have fallen into the removal limits, the entire tree will be removed back to the root ball even if only a portion of the tree is within the removal limits

Channel Obstruction Evaluation

SITE INFORMATION			
Parish: Allen		Site: Lateral 19	
City: Oberlin			
Sponsor: Bayou Blue Gravity Drainage District		Reach:	From - BB LAT L19
Date: 4/20/06			To - L-19A
Evaluation Team: Dan Keese, Roger Snowberger, Sarah Haymaker, Terry Johnson & Steve Garner			

PHOTO NUMBERS AND BRIEF DESCRIPTION		WAYPOINTS	
		<i>(CIRCLE location and record in Decimal Degrees)</i>	
Photo #	Description	Start Work (D/S end)	30.61218308, -92.74547101
874	L-19C	Midstream	
880	L-19J	End Work (U/S end)	30.61856029, -92.75405307
882	L-19K		

NEARBY AND UPSTREAM STRUCTURES			
<i>(Fill in Numbers, Values, and Size)</i>			
CHURCHES		SCHOOLS	
No. of Churches		No. of Schools	
HOMESITES		PUBLIC FACILITIES	
No. of Homesites		No. of Public Facilities	
BUSINESSES		BUSINESSES	
Average Value of Homes (X \$1,000)		No. of Businesses	
		Size of Businesses	S M L

STREAM CROSSINGS		
<i>(CIRCLE type and write material, size and length)</i>		
TYPE	MATERIAL	NUMBER, SIZE, & LENGTH
Bridge		
Culverts		
Other or None		

UTILITIES			
<i>(CHECK the location of the utilities in the area and CIRCLE stream orientation)</i>			
	Overhead (Power, Cable, etc.)	U/S	D/S
	Buried (Gas, Sewer, water, etc.)	U/S	D/S
	Elevated Cross channel (Water, Gas, etc.)	U/S	D/S
Remarks:			

CHANNEL CHARACTERISTICS				FLOW	
<i>(CHECK appropriate box for slope and fill in dimensions information)</i>					
SLOPES		DIMENSIONS		Is Water Flowing?	
X	1.5 : 1 or steeper	Top Width (ft.)	50	YES	NO
	1.5 : 1 through 3 : 1 Slope	Bottom Width (ft.)	20	Is debris accumulating? (i.e. Leaves, Trash)	
	Flatter than 3 : 1	Depth (ft.)	10	YES	NO

STATEMENT OF PROBLEM					
<i>(CHECK the boxes as needed, and CIRCLE the size of debris that applies)</i>					
DEBRIS	IN CHANNEL	ACROSS CHANNEL	SIZE OF DEBRIS		
Pine Trees	X	X			
Hardwoods	X	X			
Shrubs					
Other (explain)					
			BLOCKAGE		
			% of X-Section Obstructed:		
			Less than 25% 26%-50%		
			51%-75% 76%-100%		

WORK METHOD AND LOCATION	
<i>(CHECK the box that best applies)</i>	
	Within Channel Floating Equipment (i.e. Barge or Marsh Buggy)
	Within Channel Non - Floating Equipment (Excavator/Track-hoe, Spider, etc)
X	From Top Banks
ACCESS TO SITE	
<i>(Explain access issues and possible difficulties)</i>	